

**North American Numbering Council  
Meeting Minutes  
April 17-18, 2001 (Final)**

**I. Time and Place of Meeting.** The North American Numbering Council held a meeting commencing at 8:30 a.m., at the Federal Communications Commission, 445 12th Street, S.W., TW-C305, Washington, D. C.

**II. List of Attendees.**

Voting Council Members:

1. John Hoffman	Sprint PCS
2. Beth Kistner	ALTS
3. Ed Gould	AT&T
4. Wendy Potts	Bell Canada
5. Randy Sanders	BellSouth
6. Michael Altschul	CTIA
7. Maureen Flood	CompTel
8. Hon. Thomas Dunleavy	NARUC
9. Hon. Jack Goldberg	NARUC
10. Helen Mickiewicz	NARUC
11. Dan Kearney	NARUC
12. Philip McClelland	NASUCA
13. Barbara Meisenheimer	NASUCA
14. Beth O'Donnell	NCTA
15. James Goldstein	Nextel
16. David Bench	Nortel Networks
17. Trent Boaldin	OPASTCO
18. C. Courtney Jackson	OUR, Jamaica
19. Harold Salters	PCIA
20. Bill Adair	SBC Communications, Inc.
21. Ron Havens	Sprint
22. Gerry Rosenblatt	TIA
23. Paul Hart	USTA
24. Chuck Eppert	Verizon
25. Anna Miller	VoiceStream
26. Peter Guggina	WorldCom

Special Members (Non-voting):

John Manning	NANPA
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Commission Employees:

Cheryl Callahan, Designated Federal Officer (DFO)  
Sanford Williams, Alternate DFO  
Diane Harmon, Acting Chief, Network Services Division  
Patrick Forster, Policy Division (PD), Wireless Telecommunications Bureau  
Jennifer Salhus, Policy Division (PD), Wireless Telecommunications Bureau

**III. Estimate of Public Attendance.** Approximately 50 members of the public attended the meeting as observers.

**IV. Documents Introduced.**

- (1) Agenda
- (2) NANC Federal Advisory Committee Directory
- (3) February 20-21, 2001 Meeting Minutes (Draft)
- (4) NANPA Report to the NANC
- (5) NANPA Oversight Working Group Status Report
- (6) NRO Working Group Report
- (7) California Pooling Summary for 1st Quarter 2001
- (8) NANPA Expansion/Numbering Optimization IMG
- (9) LNPA Working Group Status Report
- (10) Wireless Number Portability Operations Status Report
- (11) NANPA Fund Performance Status Report & Funds Projection
- (12) CIC IMG Report
- (13) NANC Guidelines and Operating Principles
- (14) Table of NANC Projects/activities to be addressed in the next six to twelve months

**V. Summary of the Meeting.**

**A. Opening Remarks.** Chairman Hoffman noted the six new appointments that were confirmed by the FCC this past week: Michael Altschul, CTIA; Maureen Flood, alternate, Comptel; Anna Miller, VoiceStream; Cathie Capita, alternate, VoiceStream; Deborah Bell, alternate, SBC; James Goldstein, alternate, Nextel.

**B. North American Numbering Plan Administrator (NANPA) Report to the NANC.** John Manning, NANPA, provided the report to the Council.

Update on NRUF. Mr. Manning reported that plans are still underway to implement data reporting for both utilization and forecast reporting for 500/900 NXX resources. NANPA is working with the Common Carrier Bureau to address issues associated with the form and format that will be used to collect that information. NANPA will provide a report to the NANC when those plans are finalized. NANPA will introduce some issues at the Industry Numbering Committee (INC) meeting next week to update some

guidelines that reference the NRUF, specifically, the PCS N00 Guidelines, the 900 NXX Code Assignment Guidelines, and the NRUF Guidelines.

Paul Hart, USTA, noted that the Agenda refers to Form 502B. He questioned whether there is going to be another form. Mr. Manning explained that the issue is still under examination. Mr. Hart inquired as to the timing for the first reporting cycle for 500/900 data. Mr. Manning reported that the first reporting cycle will be the August 1, 2001 submission. Mr. Hart suggested that discussion on the method to accomplish this task take place at the May NANC meeting. Peter Guggina, WorldCom, stated that the carriers need time to study the report and examine the feasibility of getting the data into the report. Mr. Guggina questioned whether an August 1 submission is realistic if the Commission has to go through a government approval process. He further questioned whether the carriers should be prepared to move forward if it is not going to happen in that fashion. Chairman Hoffman suggested that the August submission date will not be met if the FCC decides to proceed with a new form since it requires OMB approval. He advised that a refinement to the current form be done rather than a new form. Mr. Guggina questioned whether the current form is adaptable to refinement. Chairman Hoffman advised that it is currently being discussed. Chairman Hoffman explained that the basic problem is that Form 502 is designed around geographic-based NPAs and not 500/900 numbers. He explained that Form 502B in parenthesis on the Agenda was meant to show that the form had a minor revision not that it was a new form. Bill Adair, SBC, expressed concern about meeting the August date and suggested that guidelines be provided so that the form can be submitted correctly. Michael Altschul, CTIA, noted that the Paperwork Reduction Act is triggered by creating a new form requiring OMB approval, and also by new data collection.

Unavailable Codes Project Status. Mr. Manning reported that during the week of March 26, 2001, NANPA distributed a number of letters to the former Central Office Code Administrators requesting their assistance in helping to determine the status of some codes that were listed as unavailable. Copies of those letters were also sent to those companies that have NANC members. The letter solicited their assistance in examining those codes, and noted that the objective of this effort was to reclaim as many codes as possible to make them available for reassignment. A response was requested within 30 days. Mr. Manning stated that over the past 30 days, NANPA has gone through the NRUF data and looked at the unavailable codes that are listed to determine if any carrier had provided utilization information. As the status of an unavailable code becomes available for assignment, NANPA will update its records, and the results will appear in the weekly CO code reports available on the NANPA web page.

Chuck Eppert, Verizon, advised that 30 days may not be met in some cases due to current workloads and the analysis that needs to be done. Barbara Meisenheimer, NASUCA, requested a copy of the letter and clarification on what is meant by unavailable codes on the NRUF form. She also requested an explanation of the process used for reclaiming codes once a company goes out of business. Mr. Manning explained the process that NANPA uses to identify unavailable codes and for reclaiming those codes that become available. Still unclear on the process, Ms. Meisenheimer, questioned whether there is a

process to compare the NRUF utilization data and assignment data to determine if a particular code is being used.

Mr. Manning advised that comparing NRUF utilization data and assignment data is not part of the effort of the unavailable codes project status. Ms. Meisenheimer stated that she appreciates the effort to identify the unavailable codes, and that she thinks it is a very good step. She questioned whether comparing utilization data against code assignments would be a valuable effort in attempting to conserve codes. Chairman Hoffman stated that if a CLEC that is licensed by the state commission returns or forfeits its license and goes out of business, the burden to report to the state commission what codes it has should be on the CLEC not on NANPA. Chairman Hoffman suggested that further discussion on this be done off-line. Mr. Guggina, agreed that the issue should be discussed off-line. He suggested that more NANC members be included in the discussion. He also suggested that the issue should be included as an agenda item at another meeting because it is an important point to discuss. Randy Sanders, Bell South, questioned NANPA's criteria for denying a code before an analysis is done to determine the validity of the current assignment. Beth Kistner, ALTS, requested the status of NRUF utilization data. Mr. Manning advised that the NPA exhaust projects will be available at the May NANC meeting. Bill Adair, SBC, inquired as to when the NANP exhaust projects based on NPA exhaust will be available. Mr. Manning advised that they expect to have the projections in June/July based on NRO developed assumptions.

Standardized Reports. Mr. Manning reported that the standard reports are available and being updated. He advised that NANPA will be confer with the states later this week to get more input from them.

**C. NANPA Oversight Working Group (NOWG) Report.** Pat Caldwell, Chair, presented the report to the Council. Mr. Caldwell gave an update on the 2000 Performance Review. For the 2000 Performance Review, 42 surveys have been received, sixteen from states and seventeen from companies. Some companies have sent more than one survey response. The results will be available for the NANC in May. Mr. Caldwell reported on the status of the NANPA Technical Requirements Schedule. He reported that the NOWG has finished the first draft phase. They have a new schedule of key items so that they may be able to deliver the report to the NANC in September.

**D. Industry Numbering Committee (INC) Report.** Norman Epstein, INC Moderator, presented the report to the Council. No written report was provided since no formal INC meeting had been held since the last NANC meeting. Mr. Epstein reported that INC is scheduled to meet next week in Reno. He encouraged participation and noted that details are available on the ATIS website. Helen Mickiewicz, NARUC, questioned the status of INC's review of imminent exhaust. Mr. Epstein reported that nothing has changed since the report that was presented at the March NANC meeting. Ms. Mickiewicz questioned statements in the letter that INC sent to Yog Varma, Common Carrier Bureau, Deputy Chief, regarding facilities readiness. She wanted clarification on INC's statement that a carrier only has to show facilities readiness on an NPA basis. Mr. Epstein explained that

that if you show facilities readiness in an NPA, you would not have to show the same documents for every rate center in the NPA since the NPA covered all of the rate centers.

Chairman Hoffman suggested that on an annual basis, ATIS should give a brief, and concise presentation to the NANC regarding what ATIS is, describing the committees under it (specifically INC's assignments, responsibilities, and limitations), and having a few minutes for questions and answers. Chairman Hoffman, asked Jean-Paul Emard, ATIS, if he would be the responsible party for giving that report or getting someone to do it.

Ms. Mickiewicz questioned whether any INC guidelines changes would be provided to the NANC before they go into effect. Mr. Epstein reported that after INC reaches a consensus, the guidelines are released. Ms. Mickiewicz stated that given the interaction between guidelines and the states' delegated authority under the first NRO Order to establish facilities readiness criteria, it would be a good idea if the states saw the guidelines before they are formally adopted. Mr. Epstein stated that INC is an ATIS industry committee different from the NANC working groups.

Trent Boaldin, OPASTCO, stated that having ATIS come in and explaining what INC's role is and what they can do is a good idea. He noted that NANC's role is to make recommendations to the FCC. Dave Bench, Nortel Networks, stated that before an issue is accepted, it has to be determined whether it is totally within the scope of the total areas served by the North American Plan. The issue has to be nationwide or NANP wide to be accepted within the INC. INC goes to great lengths to make certain that due process is given. Mr. Guggina suggested that when ATIS makes its presentation to the NANC on INC's role, that the NANC Charter and also the specific language within the Order that pertains to the NANC's scope of activities be reviewed.

**E. Numbering Resource Optimization (NRO) Working Group Report.** Eleanor Willis-Camara, Co-Chair presented the report to the Council.

NANP Exhaust Projections. Ms. Willis-Camara reported that the NRO-WG reviewed and discussed the September 2000 exhaust assumptions with NANPA. The group expects to make some modifications with a focus on how they can be measured for accuracy, relevance and refinements to the assumptions. The NRO-WG hopes to have a final set of refined assumptions in May.

Pooling Monitoring. Ms. Willis-Camara reported that the NRO-WG monitoring of pooling trials is under discussion. She advised that the existing form should be modified to reflect that pooling is in place.

Working Group Leadership. Ms. Willis-Camara reported that Beth O'Donnell has resigned as co-chair, effective immediately. She also reported that she will be resigning as well, and will remain until a replacement has been named. The NRO-WG is urgently soliciting volunteers to fill these vacancies. Ms. Willis-Camara reported that the NANP exhaust assumptions are posted on the NANC Chair web page under NRO documents.

Minor modifications were made to the existing assumptions. The biggest modification is a new assumption. NANPA agreed to highlight the changes. Mr. Adair expressed appreciation and commended the work, time, and effort of Ms. Willis-Camara and Ms. O'Donnell.

**F. California Pooling Summary for 1<sup>st</sup> Quarter 2001.** Helen Mickiewicz, NARUC, provided the report to the Council. Ms. Mickiewicz reported that there are five pools and five different NPAs in California. She noted that 909 is the most recent NPA. An additional 82 blocks have been donated. Ed Gould, AT&T, stated that the summary is a good format and very useful as a template. Chairman Hoffman stated that the NRO-WG should have the responsibility of monitoring state pooling trials and developing a common format.

**G. NANP Expansion/Numbering Optimization IMG.** Rose Travers, USTA, presented the report to the Council. Ms. Travers noted that she, Ed Gould, Penn Pfautz, and Peter Pescosolido, are working as co-chairs. She reported that their first major conference call was held on April 12, 2001. An agreement was reached on naming the group NANP Expansion/Numbering Optimization IMG (NENO). NENO drafted a mission statement, a contribution template to follow each of the items on the matrix, and a workplan with a timeline. The group expects to reach agreement on these items on April 26, 2001. The group will assemble materials from previous efforts and post them to the web site to provide background. The NANC had an extensive discussion of tasks facing NENO.

**H. Local Number Portability Administration (LNPA) Working Group Report.** Brian Egbert, Co-Chair provided an update to the Council. Mr. Egbert reported that the LNPA is continuing to develop requirements for future change orders. He reviewed the PIM Report.

PIM 1 – Multi-Service Provider (Reseller) Flows. This PIM is currently being worked by OBF and NNPO. OBF has requested, by letter to NANC, an LNPA liaison to work on the reseller flows. Jim Grasser, WOT- Co-Chair will act as liaison on the next OBF meeting. WorldCom will try to provide a wireline liaison to work with this group in the future.

PIM 5 – Inadvertent Porting. NeuStar has presented a new SOW for PIM 5 to the NAPM LLC. It will be discussed in the April NAPM meeting. The NIIF will be discussing changes to NIIF 134 in their April 30 meeting.

PIM 9 – USLEC has explained that carriers will not accept third party trouble tickets, or do not understand the LNP aspect of the report when a trouble ticket was accepted. The NIIF will address this PIM in their April 30 meeting.

PIM 10 – End-User Billing based on LRN rather than called telephone number – SPs are still awaiting specific examples from submitter, USLEC.

PIM 11 – A process for moving 1K blocks between switches, within the same company and rate center using EDR functionality is needed to satisfy the FCC’s requirement to manage telephone number inventory by rate center rather than wire center – Lengthy discussions between SPs and NeuStar as to how this can be accomplished. Currently looking at options provided by NeuStar.

Question regarding update of LERG 13 has been referred to NRIC (Network Reliability and Interoperability Council). Once a ruling has been received from NRIC, LNPA will decide which NeuStar option works best. Mr. Egbert reported that there have been no nominations for co-chair from the ILEC, CLEC, or wireless segments. The LNPA has the following proposal for NANC. Charles Ryburn will remain as ILEC co-chair. He will continue to moderate meetings, disseminate documentation, set agendas and produce minutes. Gary Sacra, Verizon has volunteered to represent the LNPA at NANC. This will result in two co-chairs from the ILEC segment. The LNPA is looking for NANC approval on this matter. A consensus was reached by the Council to approve the recommendation on a monthly basis until such time that a replacement has been found.

Wireless Number Portability Operations (WNPO) Working Group Report. Mr. Egbert advised that the WNPO met on April 9 and April 10, 2001 in Portland, Maine. Mr. Egbert reported on the following issues that were discussed at the April meeting: the impact of wireless number portability on directory services and directory listing; the impact of wireless number portability on operator services; the guidelines regarding assignment of Location Routing Numbers; and Sunday porting for wireless service providers. He advised that NeuStar reported that they have received communications from about 50 service providers regarding signing non-disclosure agreements. Of those 50 service providers, only 9 expressed an interest in new entrant testing with the NPAC. NeuStar will have the test plan for wireless new entrant testing completed by the first week in May. Mr. Egbert advised that according to the industry timeline for Wireless Number Portability, a “soft Launch” will occur between September 2002 and November 24, 2002. It was agreed that this represents a “soft date, i.e., the “soft launch” will begin about the first of September 2002, but not on a specific date. Mr. Egbert reported on the concept of a clearing house for routing wireless port requests and NPAC communications, as presented by Verizon last month. This issue may be able to be worked within an existing CTIA sub-committee. The Wireless Testing Sub-Committee discussed their Mission and Scope Statements.

**I. Cost Recovery Working Group (CR WG) Report.** Chairman Hoffman reported that the B & C Technical Requirements for NBANC have been finalized, and the paperwork will be hand-delivered April 17, 2001.

**J. NBANC Report.** John Ricker, presented the report to the Council. Mr. Ricker reported on the status of numbering funds for year three operations, March 2000 – June 2001. The current fund balance as of April 11 is \$5.89 million. Additional projected receivables for year three is \$1.4 million. Mr. Ricker reported that all of the items that he mentioned last month have not been resolved, and that NBANC is two weeks away from making its annual filing for the fourth funding year.

**K. Carrier Identification Code (CIC) IMG Report.** Bill Adair, Chair, provided the report to the Council. The report was approved with minor modifications. Chairman Hoffman requested that the IMG write a transmittal letter. Chairman Hoffman commented on Mr. Adair retiring in six weeks and congratulated him on completing the report four months before the due date and for his good work on the NANC.

**L. NAPM LLC Report.** Michael O'Connor, Co-Chair, presented the report.

Inadvertent Porting. Mr. O'Connor advised that the Inadvertent Porting Statement of Work was received from NeuStar and will be reviewed at the next NAPM LLC meeting next week in San Francisco.

Release 3.0. Mr. O'Connor reported that the NAPM LLC and NeuStar reconfigured the hardware. The reconfigured hardware resulted in enhanced NPAC speed and has created a secondary issue. The enhanced speed overwhelms with messages the SOA interface of the ILEC. Porting and pooling are working well but is work office intensive. The industry and SOA vendors are working together to resolve the problem. The SOAs are operating at 2.5 x specifications and are still unable to keep up. Mr. O'Connor reported on the impact of the schedule. The Western region has chosen to use 1.4 Release initially before it migrates to 3.0. The West Coast is up and running on 1.4. The LLC has chosen to keep the April 30 date for now, and a firm date will be determined at the LLC meeting next week. Also, a future scheduled rollout impact will also be determined at that time. Helen Mickiewicz, NARUC, reminded the Council that some states have deferred 1k pooling until 3.0 is deployed.

**M. NANC Guidelines and Operating Principles.** The Council reviewed modifications and adopted the revised guidelines for posting to the web.

**N. Table of NANC Projects.** Rose Travers, USTA, reviewed updates to the Table of NANC Projects.

**Other Business.** None.

**Next Meeting:** June 18-19, 2001

***Action Items and Decisions Reached:***

1. North American Numbering Plan Administrator (NANPA) Report. At the May NANC meeting, NANPA will report on whether and to what extent it can compare information from the code assignment database with NRUF filings to help determine if numbering resources assigned by NANPA are being reported and are being used.

NANPA will provide to the NARUC/NASUCA contact (Natalie Billingsley), and post on the NANC Chair website a copy of the letter sent to former central office code administrators requesting information on unavailable codes.

2. Industry Numbering Committee (INC). A request was made to ATIS to provide a tutorial at the May NANC meeting on the roles of ATIS and INC and their relationships to FCC and NANC activities in regard to numbering issues.

Peter Guggina was also asked to lead a discussion on the NANC charter, using as a reference the 1995 FCC Order which formed the NANC.

3. NANP Expansion/Optimization IMG (NENO)

NENO was tasked to make recommendations concerning NRO leadership, and a possible blending of the current NRO activities into the NENO at the May NANC meeting.

4. Local Number Portability Administration (LNPA) Working Group

Since no nominations from among CLEC or Wireless carriers have been forthcoming to fill the vacant leadership positions, the LNPA recommended that Charles Ryburn (SBC) will continue to be the chair of the group, and Gary Sacra (Verizon) serve as co-chair. This recommendation was accepted pending a volunteer from another interest group to serve as co-chair.

5. Reseller CIC IMG

The report was approved with edits to the Conclusions section. The chart on page 7 will be modified as information is available to fill in the N/A data elements. Verizon volunteered to provide the missing data that is available. The CIC IMG Chair will prepare a transmittal letter, and it will be posted on the Chair website for approval by NANC.

6. Operating Principles

Revisions made to the version accepted at the March meeting will be compiled by Peter Guggina and posted on the Chair website for approval by NANC members.